| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Piurais | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 10   | "6572141".pn. or "5826904".pn. or "5601309".pn. or "6247725".pn. or "20020185849".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/06/14 15:17 |
| L2       | 17   | ("5470104"   "5494312"  <br>"5634661"   "5653463"   "5711547"<br>  "5762368"   "5820162"  <br>"5992881"   "6022045"   "6247725"<br>  "6328336"   "6447007"  <br>"6516726").PN. OR ("6572141").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:35 |
| L3       | 23   | ("3788596"   "4203616"  <br>"4275901"   "4289327"   "4771914"<br>  "5820162").PN. OR ("6247725").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:41 |
| L4       | 30   | ("3567245"   "3731948"   "3777772"   "3834729"   "3854491"   "3961806"   "5022674"   "5076312"   "5388322"   "5531473"   "5542702"   "5609362"   "5720495"   "5803493"   "5826904"   "5879025"   "5893583"   "5941562"   "6131948"   "6152484"   "6206414"   "6217065"   "6221186"   "6227562"   "6247725"   "6273186"   "6328336"   "6412811"   "6554315").PN. OR ("6764097").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:41 |
| L5       | 7    | ("4298214"   "5301978"  <br>"5582806"   "5593180"   "5746442"<br>  "5820161"   "6247725").PN. OR<br>("6672616").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:45 |
| L6       | 36   | ("3724870"   "3806153"   "3862767"   "3884497"   "4215878"   "4275901"   "5060973"   "5076607"   "5094475"   "5131680"   "5242194"   "5273312"   "5348344"   "5388859").PN. OR ("5593180").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:47 |
| L7       | 16   | ("3460853"   "3784223"  <br>"4981534"   "5016914"   "5022674"<br>  "5131680"   "5257817"  <br>"5263740"   "5454586"  <br>"5533750").PN. OR ("5826904").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:53 |
| L8       | 17   | ("3663036"   "3900211"  <br>"5152550"   "5230531"   "5257819"<br>  "5273312"   "5344186"  <br>"5345876"   "5350192"   "5464247"<br>  "5516147").PN. OR ("5601309").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR                  | OFF     | 2005/06/14 14:54 |

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| L9       | 13 | ("5242194"   "5273312"  <br>  "5351988"   "5588676"   "5601309"<br>  "5649720"   "5653463"  <br>  "5690357"   "5709406"   "6062599"<br>  "6295935"   "6412811").PN. OR<br>  ("6755439").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/14 14:56 |
| L10      | 26 | ("3690695"   "3791302"   "4006919"   "4203616"   "4268065"   "4289327"   "5022674"   "5076607"   "5152550"   "5257819"   "5322326"   "5344186"   "5421609"   "5472231"   "5513572"   "5529333"   "5536040"   "5590906"   "5622381"   "5642902"   "6022045"   "6142514"   "6206418"   "6412811"   "6543806"   "6755439").PN. OR ("6834885"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/14 14:57 |
| L11      | 59 | ("3731948"   "3744816"   "3788667"   "3806153"   "3834729"   "3836170"   "3868124"   "3913604"   "3948540"   "3961806"   "3966226"   "3982774"   "4146047"   "4203616"   "4289327"   "4600123"   "4690063"   "5076607"   "5213362"   "5226561"   "5226668"   "5242194"   "5257819"   "5263740"   "5273312"   "5301978"   "5342089"   "5344186"   "5350192"   "5362099"   "5464247"   "5582428"   "5584505"   "5630619"   "5642903"   "5720495"   "5782486"   "5799972"   "5803493"   "5711547"   "5720495"   "5782486"   "5799972"   "5803493"   "5820162"   "5893583"   "5913537"   "5941562"   "5984351"   "6010152"   "6029995"   "6131948"   "6189926"   "6206418"   "6221186"   "6332404"   "6412811").PN. OR ("6543806").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/14 15:01 |
| L12      | 34 | ("2691459"   "3731843"  <br>"3731948"   "3744816"   "3834729"<br>  "3883156"   "3913604"  <br>"3966226"   "4135894"   "4275629"<br>  "4600123"   "5022674"  <br>"5076607").PN. OR ("5152550").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/14 15:03 |

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| L13 | 20      | ("4258931"   "4474257"   "4518183"   "5145208"   "5152550"   "5588672"   "5597179"   "5607180"   "5660414"   "5927821"   "5975566"   "6000715"   "6076852"   "6158767"   "6186536"   "6191686"   "6217060"   "6325410"   "6371459").PN. OR ("6502856").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/06/14 15:06 |
| L14 | 43      | ("1933694"   "3117424"  <br>"3180373"   "3197234"   "3269310"<br>  "3450414").PN. OR ("3663036").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/06/14 15:10 |
| L15 | 15      | ("3154168"   "3582107"  <br>"3649045"   "3663036"   "3674059"<br>  "3711115"   "3713667"  <br>"3758131").PN. OR ("3944249").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/06/14 15:15 |
| L16 | 14056   | inflat?r\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:17 |
| L17 | 21282   | gas adj1 generat?r\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:17 |
| L18 | 119150  | ruptur\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:17 |
| L19 | 144865  | burst\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:17 |
| L20 | 768931  | disk\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:17 |
| L21 | 779543  | disc\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
| L22 | 481788  | membrane\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
| L23 | 3379664 | plate\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |

| L24 | 13911   | 18 near5 (20 or 21 or 22 or 23) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
|-----|---------|---------------------------------|---|----|-----|------------------|
| L25 | 6302    | 19 near5 (20 or 21 or 22 or 23) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
| L26 | 28376   | ignit?r\$1                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
| L27 | 19959   | squib\$1                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:18 |
| L28 | 814243  | initiat\$3                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:19 |
| L29 | 296117  | orthogonal\$2                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:19 |
| L30 | 1007838 | perpendicular\$2                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:19 |
| L31 | 162982  | "90" near2 degree\$1            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:19 |
| L32 | 31295   | ninety near2 degree\$1          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:20 |
| L33 | 473     | 26 same (29 or 30 or 31 or 32)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:20 |
| L34 | 55      | 27 same (29 or 30 or 31 or 32)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:20 |
| L35 | 6649    | 28 same (29 or 30 or 31 or 32)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:20 |

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|---------|--------|-------------------|---|----|-----|------------------|
| L36     | 604753 | diffus\$3         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:21 |
| L37     | 804    | 26 same 36        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:21 |
| L38     | 208    | 27 same 36 ·      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:21 |
| L39     | 7488   | 28 same 36        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:21 |
| L40     | 23     | (24 or 25) and 33 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:22 |
| L41     | 8      | (24 or 25) and 34 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:21 |
| L42     | 81     | (24 or 25) and 35 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:22 |
| L43     | 102    | 40 or 41 or 42    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:22 |
| L44     | 45     | 43 and (16 or 17) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:24 |
| L45     | 57     | 43 not 44         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:29 |
| L46     | 136    | (24 or 25) and 37 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:22 |
| L47     | 81     | (24 or 25) and 38 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:22 |

| L48 | 250 | (24 or 25) and 39   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  | OR | OFF | 2005/06/14 15:22 |
|-----|-----|---|--|----|-----|------------------|
| L49 | 362 | 46 or 47 or 48  | US-PGPUB;<br>US-PAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/14 15:23 |
| L50 | 259 | 49 and (16 or 17)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  | OR | OFF | 2005/06/14 15:23 |
| L51 | 239 | 50 not 43   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  | OR | OFF | 2005/06/14 15:31 |
| L52 | 102 | 49 not (43 or 50)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  | OR | OFF | 2005/06/14 15:41 |
| L53 | 20  | ("4114924"   "5016914"  <br>"5062367"   "5131680"   "5149129"<br>  "5215721"   "5217515"  <br>"5219178"   "5259643").PN. OR<br>("5480185").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                 | OR | OFF | 2005/06/14 15:36 |
| L54 | 51  | ("3232481"   "3552770"   "3655217"   "3756621"   "3853332"   "3877721"   "4095624"   "4296084"   "4561675"   "5016914"   "5022674"   "5031932"   "5033772"   "5076607"   "5131680").PN. OR ("5290060"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                 | OR | OFF | 2005/06/14 15:37 |
| L55 | 19  | ("3632132"   "3927901"   "4966388"   "5072966"   "5112079"   "5154445"   "5161821"   "5224732"   "5273309"   "5277441"   "5482315"   "5498030"   "5499840"   "5503428").PN. OR ("5588670").URPN.              | US-PGPUB;<br>USPAT;<br>USOCR                 | OR | OFF | 2005/06/14 15:44 |